WALT

WALT find missing angles
I can:

- identify an exterior angle.

- use all of my prior knowledge about angles.

- add and subtract to find missing angles.

1) 40°

a   b

2) c

d   e

3) 35°   f

4) g
85°   75°
80°

5) 70°

i   j

h

6) 27°

15°   k

1)

40

70° a   70° b

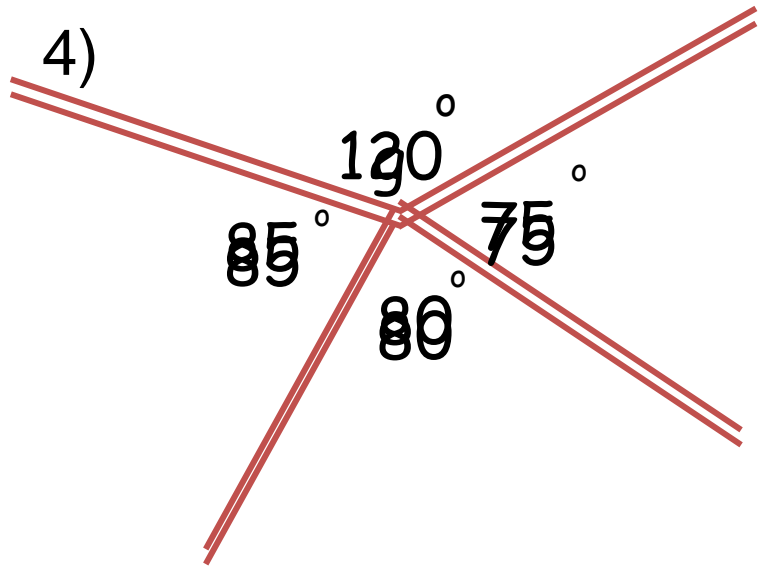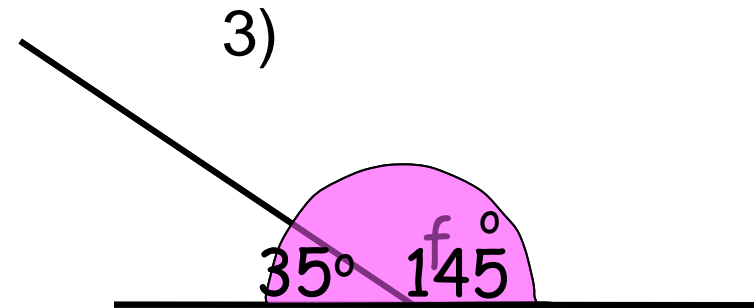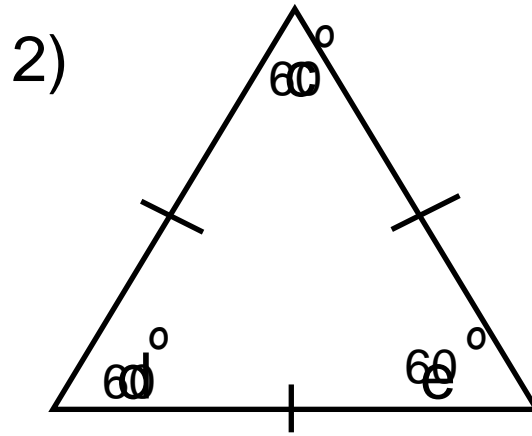**2)**

c°

d°   e°

3)

35°   f° 145

4)

120°

85°   75°

80°

5)

70°

110°   11p°

70° h°

6)

27°

15°   138°
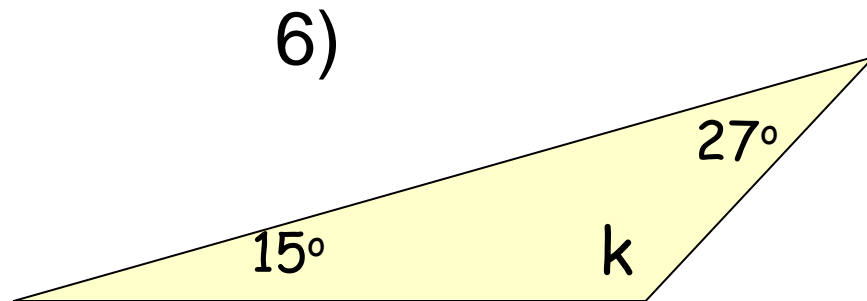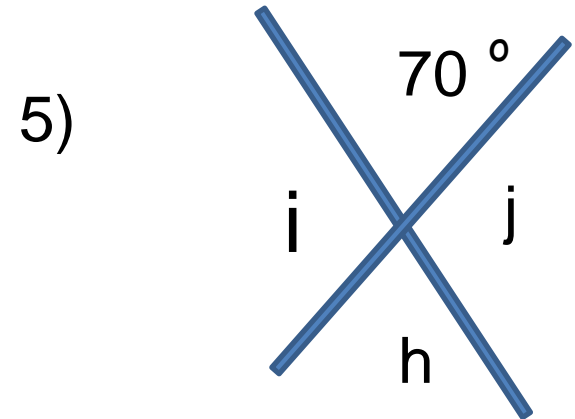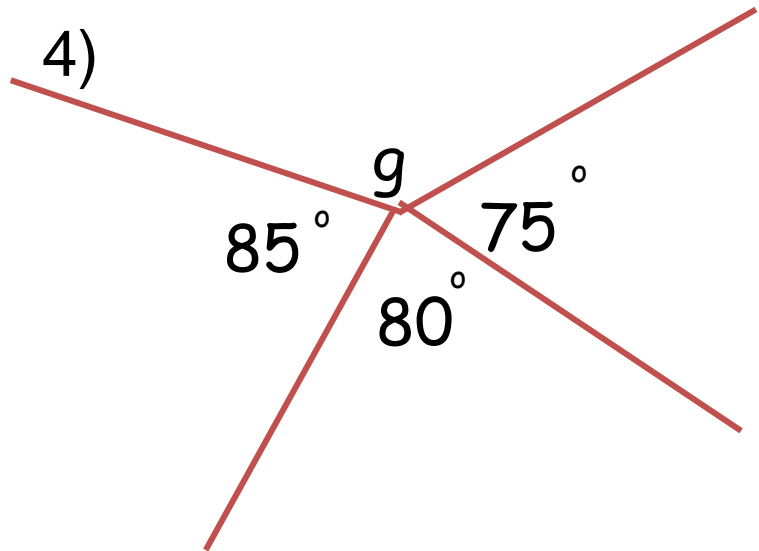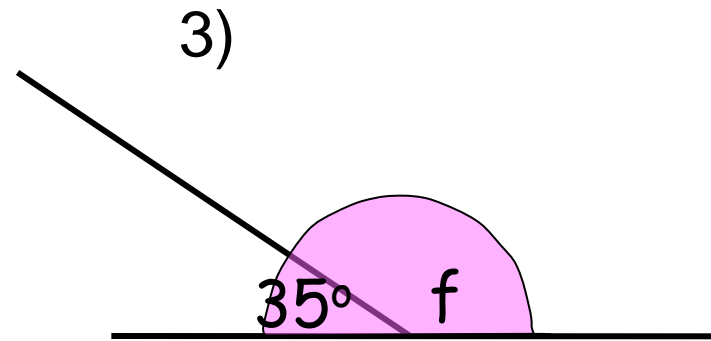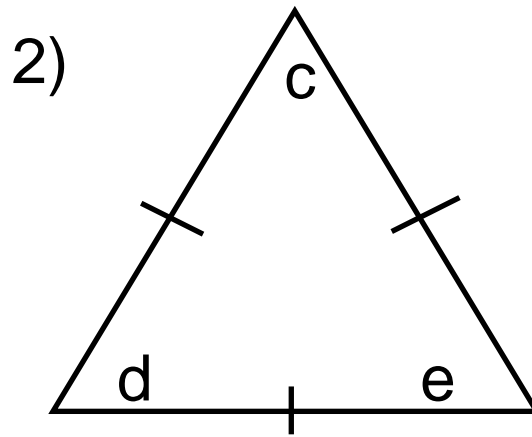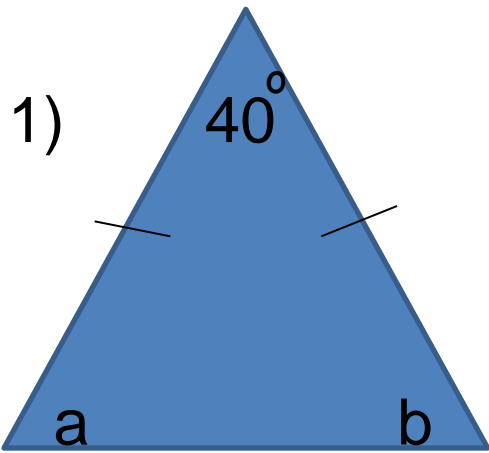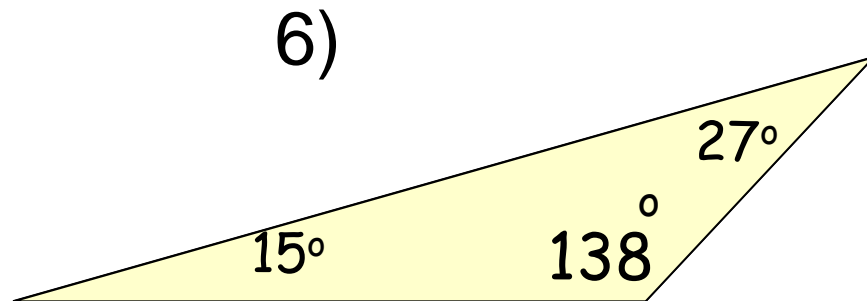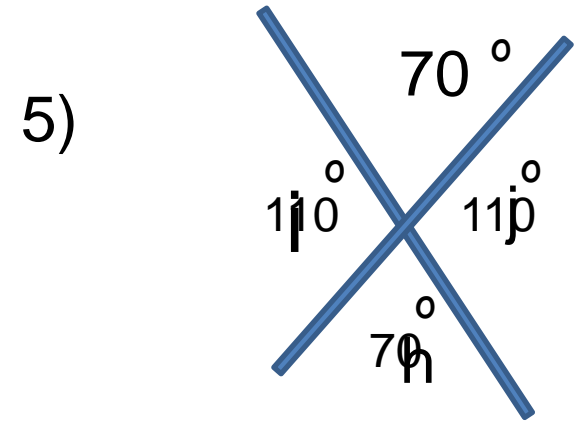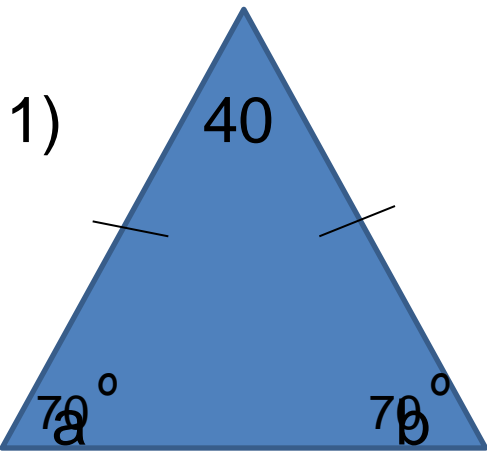
Exterior angles of a triangle
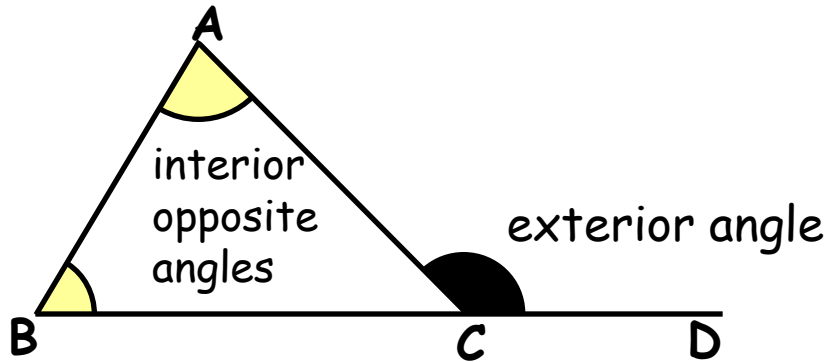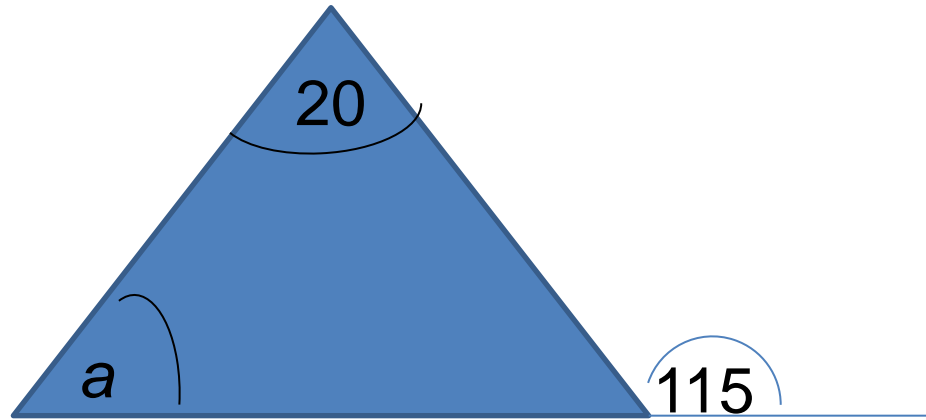
Rule: The exterior angle of a triangle is equal to the sum of the interior opposite angles.

i.e. ∠ACD = ∠ABC + ∠BAC

Straight line angles = 180˚
Angles in a triangle add up to 180˚

Angle a =

A) $65°$ B) $20°$ C) $115°$ D) $95°$ ✓

3

e)

71°

128° t

$t =$ [   ]

f)

u

52°

$u =$ [   ]

g)

72°

49° v

$v =$ [   ]

h)

w

25°
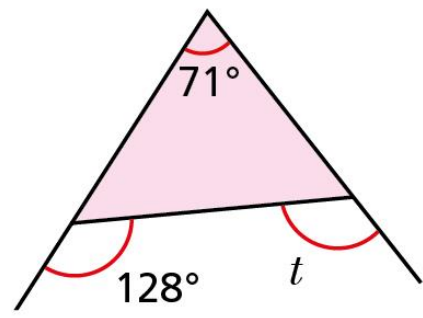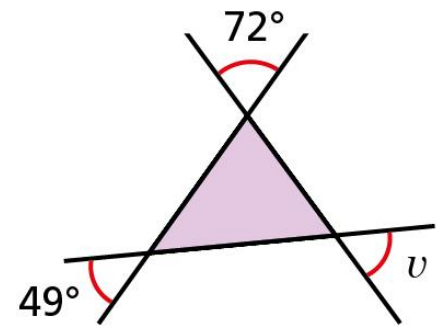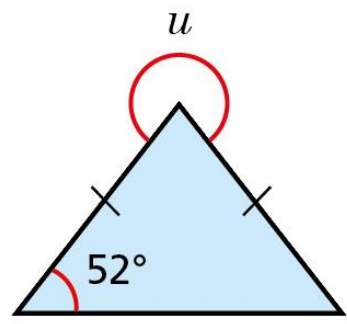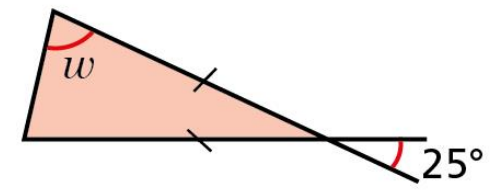
$w =$ [   ]

Talk about your reasons with a partner.